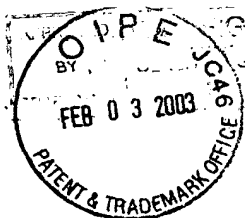


FIG. 1



2/10

1	ATG	GAA	CAT	CTG	TGG	TTC	21	TTC	CTT	CTC	CTG	GTG	GCA	GCT	41	CCC	AGA
	met	glu	his	leu	trp	phe		phe	leu	leu	leu	val	ala	ala		pro	arg
							61								81		
	TGG	GTC	CTG	TCC	CAG	GTG	CAA	CTG	CAG	CAG	TCA	GGG	GCT	GAG	CTG		
	trp	val	leu	ser	gln	val	gln	leu	gln	gln	ser	gly	ala	glu	leu		
							101									121	
	GCA	AGA	CCT	GGG	GCT	TCA	GTG	AAG	TTG	TCC	TGC	AAG	GCT	TCT	GGC		
	ala	arg	pro	gly	ala	ser	val	lys	leu	ser	cys	lys	ala	ser	gly		
							141									161	
	TAC	ACC	TTT	ACT	AGT	CAC	TGG	ATG	CAG	TGG	GTG	AGA	CAG	AGG	CCT		
	tyr	thr	phe	thr	ser	his	trp	met	gln	trp	val	arg	gln	arg	pro		
181	GGA	CAG	GGT	CTG	GAA	TGG	201	ATT	GGG	ACT	ATT	TAT	CCT	GGA	GAT	GGT	
	gly	gln	gly	leu	glu	trp		ile	gly	thr	ile	tyr	pro	gly	asp	gly	
	GAT	ACT	AGG	TAC	ACT	CAG	241	AAT	TTC	AAG	GGC	AAG	GCC	ACA	TTG	ACT	
	asp	thr	arg	tyr	thr	gln		asn	phe	lys	gly	lys	ala	thr	leu	thr	
	GCA	GAT	AAG	TCC	TCC	ACC	281	ACA	GCC	TAC	TTA	301	CAC	CTC	AGC	AGC	TTG
	ala	asp	lys	ser	ser	thr		thr	ala	tyr	leu		his	leu	ser	ser	leu
	TCA	TCT	GAA	GAC	TCT	GCG	321	GTC	TAT	TAT	TGT	341	GCA	AGA	GAT	GAG	ATT
	ser	ser	glu	asp	ser	ala		val	tyr	tyr	cys		ala	arg	asp	glu	ile
361	ACT	ACG	GTT	GTA	CCC	CGG	381	GGG	TTT	GCT	TAC	TGG	GGC	CAA	GGG	ACC	
	thr	thr	val	val	pro	arg		gly	phe	ala	tyr	trp	gly	gln	gly	thr	
	TCG	GTC	ACC	GTC	TCC	TCA	421	GGT	GGC	GGT	GGC	TCG	GGC	GGT	GGT	GGC	
	ser	val	thr	val	ser	ser		gly	gly	gly	gly	ser	gly	gly	gly	gly	
	TCG	GGT	GGC	GGC	GGA	TCT	461	GAG	CTC	GTG	CTC	481	ACC	CAA	ACC	CCA	ACC
	ser	gly	gly	gly	gly	ser		glu	leu	val	leu		thr	gln	thr	pro	thr
	TCC	CTG	GCT	NCC	TCT	CTG	501	GGA	GAC	AGA	GTC	521	ACC	ATC	AGT	TGC	AGG
	ser	leu	ala	---	ser	leu		gly	asp	arg	val		thr	ile	ser	cys	arg
541	GCA	AGT	CAG	GAC	ATT	AGC	561	AGT	TAT	TTA	AAC	TGG	TAT	CAG	CAG	AAA	
	ala	ser	gln	asp	ile	ser		ser	tyr	leu	asn	trp	tyr	gln	gln	lys	

FIG. 2A



3/10

CCA GAT GGA ACT ATT <sup>601</sup>AAA CTC CTG ATC TAC TAC <sup>621</sup>ACA TCA AGA TTA  
pro asp gly thr ile lys leu leu ile tyr tyr thr ser arg leu

TAT TCA GGA <sup>641</sup>GTC CCA CCA AGG TTC AGT <sup>661</sup>GGC AGT GGG GCT GGA ACA  
tyr ser gly val pro pro arg phe ser gly ser gly ala gly thr

GAT TAT TCT CTC ACC ATC AGC AAC <sup>701</sup>CTG GAG CAA GAA GAT TTT GCC  
asp tyr ser leu thr ile ser asn leu glu gln glu asp phe ala

<sup>721</sup>ACT TAC TTT TGC CAA CAG <sup>741</sup>GGT AAT GTG ATT CCG TAC ACG <sup>761</sup>TTC GGA  
thr tyr phe cys gln gln gly asn val ile pro tyr thr phe gly

GGG GGG ACC AAG CTG <sup>781</sup>GAA ATG AAA CGG GCT GAT <sup>801</sup>GCT GCA CCA ACT  
gly gly thr lys leu glu met lys arg ala asp ala ala pro thr

GTA AGC GAA <sup>821</sup>AAG GAC GAG CTG TAA TAA  
val ser glu lys asp glu leu \*\*\* \*\*

FIG. 2B

<sup>1</sup>ATG GAA CAT CTG TGG TTC <sup>21</sup>TTC CTT CTC CTG GTG GCA GCT <sup>41</sup>CCC AGA  
met glu his leu trp phe phe leu leu leu val ala ala pro arg

TGG GTC CTG TCC CAG <sup>61</sup>GTG CAA CTG CAG CAG TCT <sup>81</sup>GGG GCT GAG CTG  
trp val leu ser gln val gln leu gln gln ser gly ala glu leu

ACA AGA CCT <sup>101</sup>GGG GCT TCA GTG AAG TTG TCC <sup>121</sup>TGC AAG GCT TCT GGC  
thr arg pro gly ala ser val lys leu ser cys lys ala ser gly

TAC ACC TTT ACT AGT CAC <sup>141</sup>TGG ATG CAG TGG GTG AGA CAG AGG CCT  
tyr thr phe thr ser his trp met gln trp val arg gln arg pro

<sup>181</sup>GGA CAG GGT CTG GAA TGG <sup>201</sup>ATT GGG ACT ATT TAT CCT <sup>221</sup>GGA GAT GGT  
gly gln gly leu glu trp ile gly thr ile tyr pro gly asp gly

FIG. 2C



4/10

GAT ACT AGG TAC ACT CAG AAT TTC AAG GGC AAG GCC ACA TTG ACT  
asp thr arg tyr thr gln asn phe lys gly lys ala thr leu thr

GCA GAT AAG TCC TCC ACC ACA GCC TAC TTA CAC CTC AGC AGC TTG  
ala asp lys ser ser thr thr ala tyr leu his leu ser ser leu

TCA TCT GAA GAC TCT GCG GTC TAT TAT TGT GCA AGA GAT GAG ATT  
ser ser glu asp ser ala val tyr tyr cys ala arg asp glu ile

ACT ACG GTT GTA CCC CGG GGG TTT GCT TAC TGG GGC CAA GGG ACC  
thr thr val val pro arg gly phe ala tyr trp gly gln gly thr

TTG GTC ACC GTC TCC TCA GGT GGC GGT GGC TCG GGC GGT GGT GGG  
leu val thr val ser ser gly gly gly gly ser gly gly gly gly

TCG GGT GGC GGC GGA TCT GAG CTC GTG CTC ACC CAG TCT CCA TCC  
ser gly gly gly gly ser glu leu val leu thr gln ser pro ser

AGT CTG TCT GCA TCC CTT GGA GAC ACA ATT ACC ATC ACT TGC CAT  
ser leu ser ala ser leu gly asp thr ile thr ile thr cys his

GCC AGT CAG AAC ATT AAT GTT TGG TTA AGT TGG TAC CAG CAG AAA  
ala ser gln asn ile asn val trp leu ser trp tyr gln gln lys

CCA GGA AAT ATT CCT CAA CTA TTG ATC TAT AAG GCT TCC AAC TTG  
pro gly asn ile pro gln leu leu ile tyr lys ala ser asn leu

CAC ACA GGC GTC CCA TCA AGG TTT AGT GGC CGT GGA TCT GGA ACA  
his thr gly val pro ser arg phe ser gly arg gly ser gly thr

GGT TTC ACA TTA ACC ATC AGC AGC CTG CAG CCT GAA GAC ATT GGC  
gly phe thr leu thr ile ser ser leu gln pro glu asp ile gly

ACT TAC TAC TGT CAA CAG GGT CAA AGT TAT CCT CTG ACG TTC GGT  
thr tyr tyr cys gln gln gly gln ser tyr pro leu thr phe gly

GGA GGC ACC AAG CTG GAA ATC AAA CGG GCT GAT GCT GCA CCA ACT  
gly gly thr lys leu glu ile lys arg ala asp ala ala pro thr

GTA AGC GAA AAG GAC GAG CTG TAA TAA  
val ser glu lys asp glu leu \*\*\* \*\*\*

FIG. 2D



# Co-Immunoprecipitation of MHCI/ $\beta_2$ -microglobulin in COS-1 Cells by Anti-MHCI sFv Intrabodies

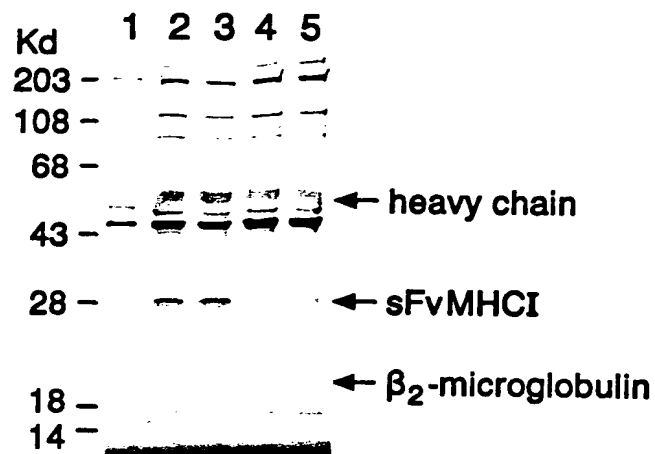


FIG. 3

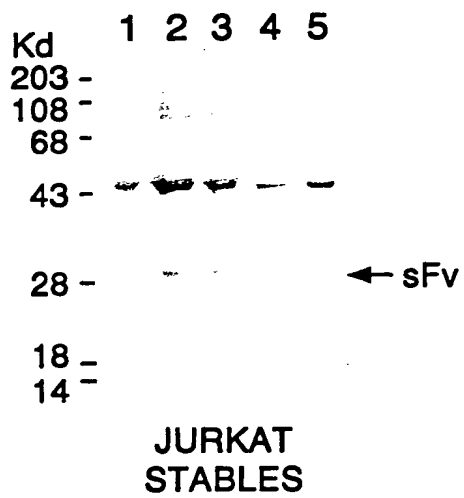


FIG. 4

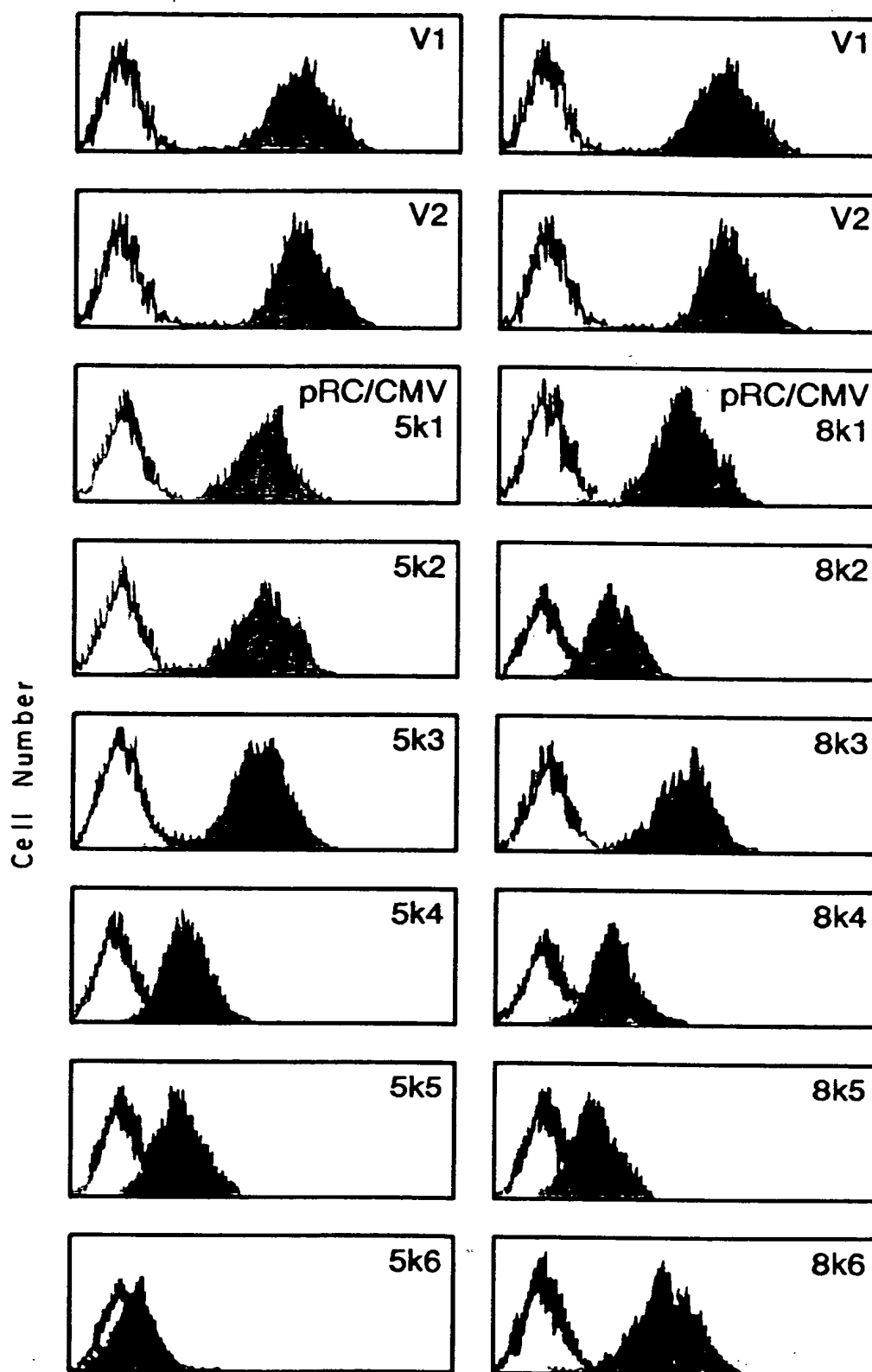


FIG. 5A

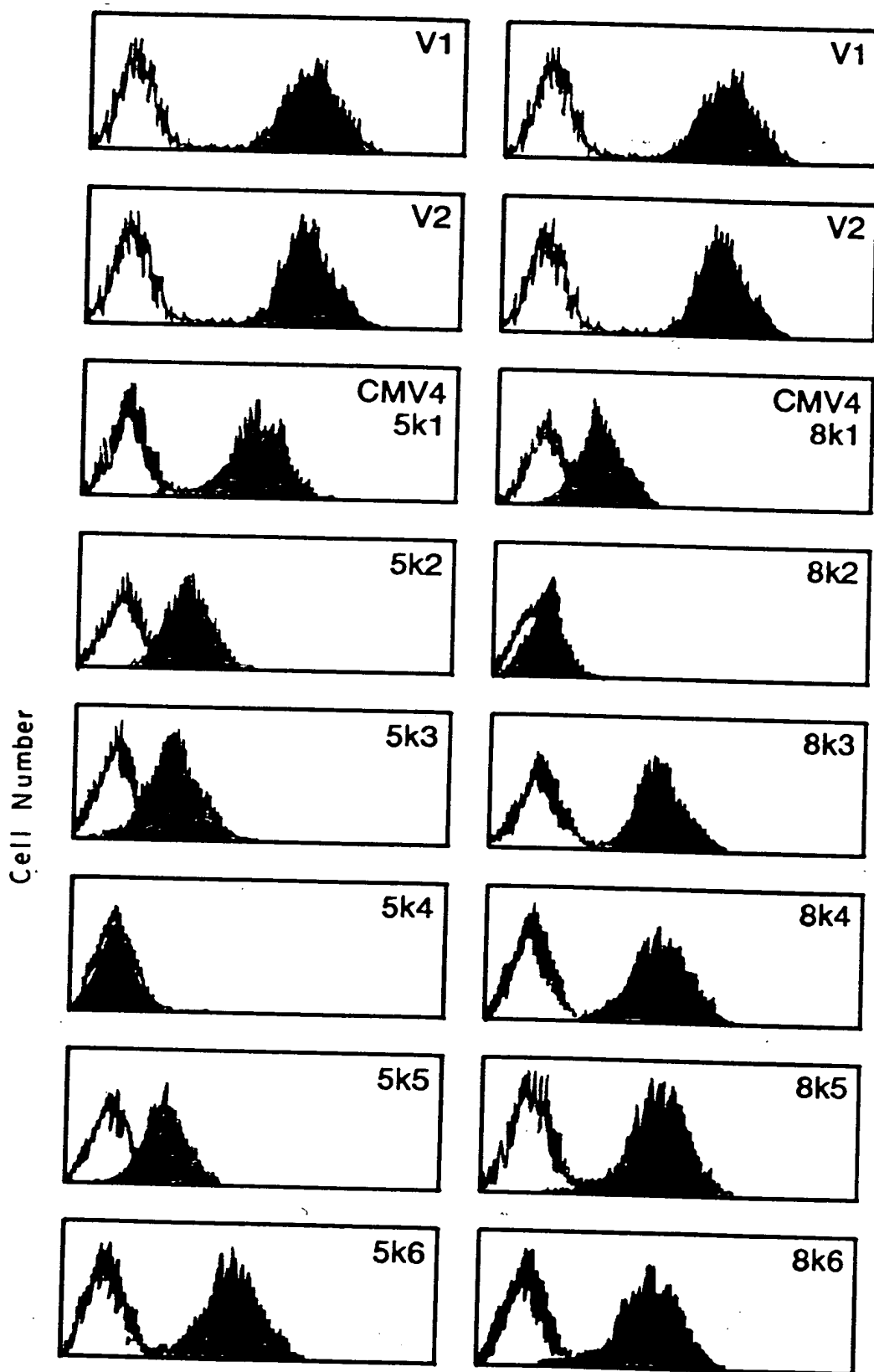


FIG. 5B



SECRET

9/10

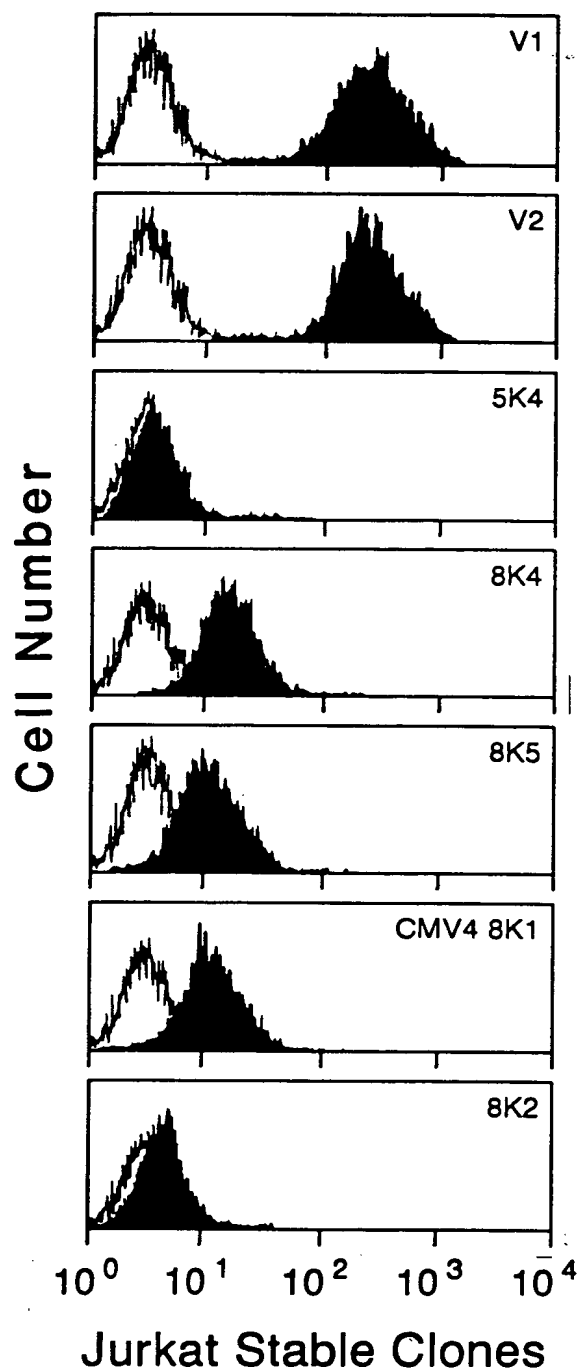


FIG. 6

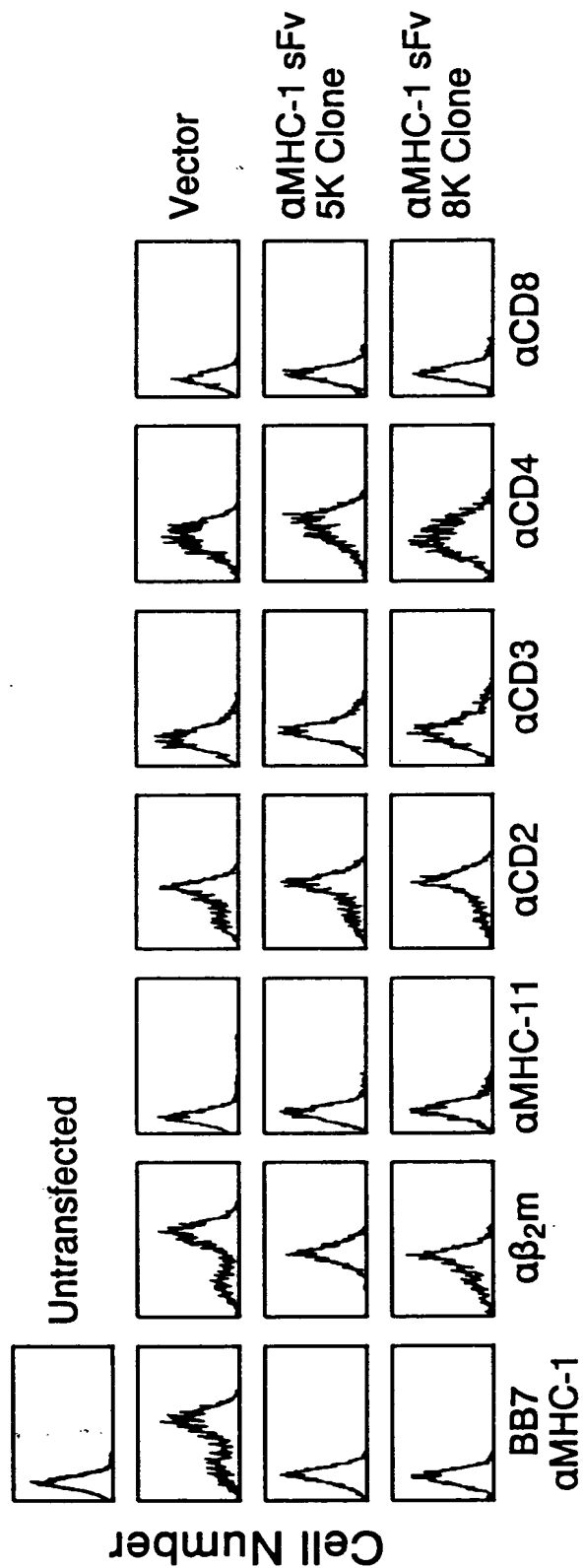


FIG. 7